



SCORM 2004 4th Edition Overview

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SCORM 2004 4th Edition

- Version 1.1 released August 14, 2009
 - Fixes issues found in the Version 1.0 (March 31) release
 - Incorporates 2 ½ years of community feedback
 - Increases interoperability
 - Provides new features

- Supporting products updated and released
 - SCORM Testing Requirements
 - Test Suite
 - Sample Run-Time Environment (SRTE)
 - ADL SCORM RELOAD Editor



Increased Interoperability

- Improved content package testing
 - Content package validation
 - Improved XML extension validation
 - Broader communicative content testing

- Over 75% more LMS Test Packages
 - Leverages extensive content developer feedback
 - Clarifies ambiguities and boundary conditions
 - Covers anomalous LMS behaviors





New Features



Generic Inter-SCO Data Sharing

- Enables SCOs to share large amounts of unstructured data
- Works by:
 - Defining shared data store mappings within the content package manifest
 - Accessing the data stores using the `adl.data.n` extension data model elements
 - Allowing the LMS to persist data stores



Broader Objective Sharing

- Extends the current data mapping of shared global objectives
- Works by:
 - Applying additional read/write maps within the manifest
 - Leveraging additional `cmi.objectives.n` elements
 - `Completion_status`
 - `score.raw`
 - `others`

Partial Completion Rollup

- Extends the sequencing rollup behavior to account for partial completion and completion threshold evaluations
- Works by:
 - Allowing SCO's to report partial completion using the `cmi.progress_measure` element
 - Applying a weight or threshold to the progress measure via ADL XML extension elements
 - Allowing LMS to apply behavior consistently with current measure rollup



Jump Navigation Request

- Enables direct navigation to an activity
- Works by:
 - Invoking “Jump” only via a SCO, using `adl.nav.request`
 - Ignoring control modes during resolution of the “Jump” request



New Certification Process



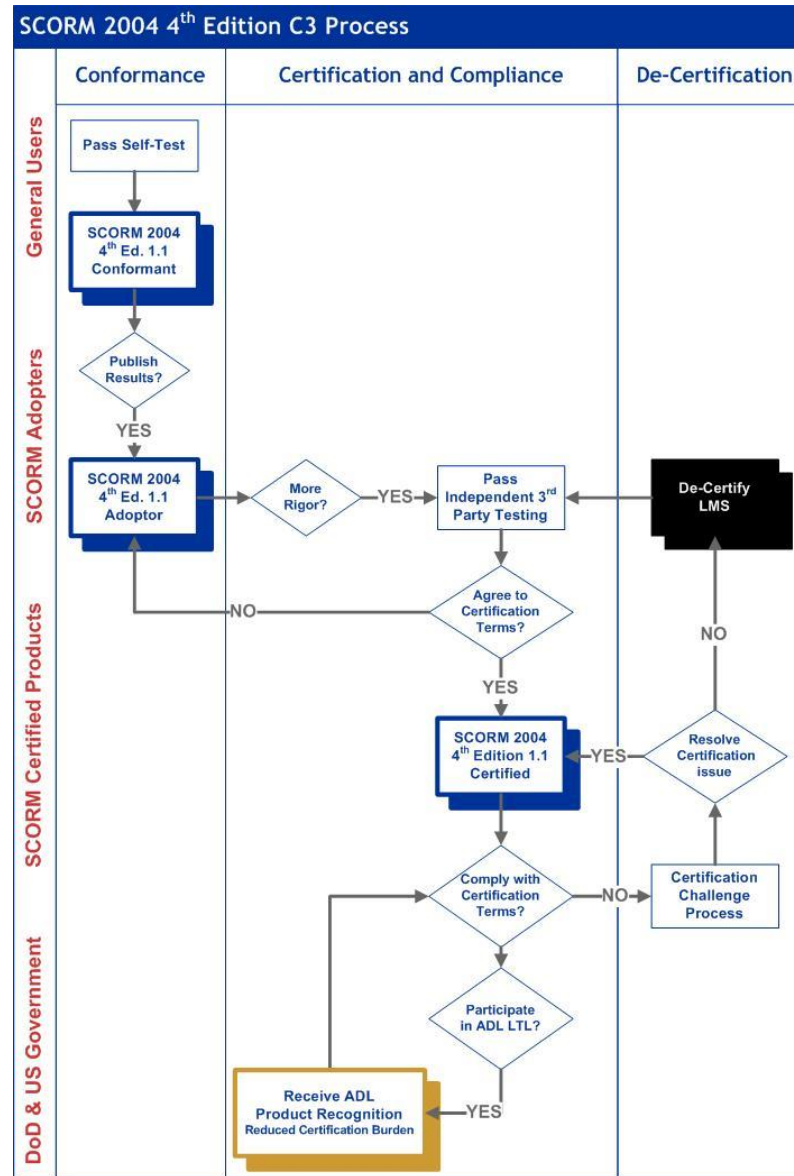
SCORM Certification Concerns

- Historical relevance
- Confusion over the certification logo
- Lots of SCORM 2004 versions
- Confusion over language
 - Conformance
 - Compliance
 - Compatible
 - etc...
- Not easy to find interoperability remedies
- Customized in-place deployments

SCORM Certification Update

- Will be continuous through the product's lifecycle
- Includes
 - Interoperability challenge and review process
 - Decertification process
 - ADL support for Learning Technology Lab participation
 - New certification agreement
 - Potential in-place certifications
- Eliminates content certifications
- Retires historical certifications to “adoptors”

Certification Process Workflow



- ADL Initiative
 - <http://www.adlnet.gov/>
- Ask the Experts (Help Desk)
 - scormhelpdesk@adlnet.gov



Questions or Comments?

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